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## (54) WATER DISPERSION-TYPE COMPOSITION FOR WATER- AND OIL- REPELLENT AGENT, AND ITS PRODUCTION

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To obtain the subject composition capable of manifesting properties such as excellent stability and color fastness to dyeing by carrying out the emulsion polymerization of a raw material composition comprising a specific polymerizable monomer, a surfactant and an aqueous medium to disperse the polymer in the aqueous medium.

**SOLUTION:** This water-dispersion type composition having a polymer having the polymerization unit of (A) (i) a polymerizable monomer consisting of a (meth)acrylate having a polyfluoroalkyl group or (ii) polymerizable monomers comprising the component (i) and a polymerizable monomer without the component (i), dispersed in (C) an aqueous medium is obtained by emulsifying a raw material composition comprising the component A, (B) a surfactant selected from nonionic, cationic and amphoteric surfactants, and the component C under pressure, and polymerizing the obtained emulsion. The component (ii) is preferably a liquid or solid polymerizable monomer when carrying out the emulsification under the pressure, and preferably consists essentially of a 1-20C alkyl (meth)acrylate or a 5-8C cycloalkyl (meth)acrylate.

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(54) 【発明の名称】 撥水撥油剤用水分散型組成物およびその製造方法

(57) 【要約】

【課題】 重合補助溶剤を用いなくとも優れた性能を発揮しうる撥水撥油剤用水分散型組成物の製造方法を提供する。

【解決手段】 ポリフルオロアルキル基を有する(メタ)アクリル酸エステル等の重合性単量体(A)、ノニオン性界面活性剤等の界面活性剤、および水媒体を含む原料組成物を加圧下で乳化し、つぎに重合させて、重合性単量体(A)の重合単位を含む重合体(X)が水媒体中に分散した水分散型組成物とする。